

10/585021

AP20 Rec'd 737PTD 28 JUN 2006

APPENDIX A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/050047

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K9/16				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 2003/175355 A1 (TOBYN MICHAEL JOHN ET AL) 18 September 2003 (2003-09-18) cited in the application paragraph '0021! examples 1-9	1-6, 8-22, 27-29, 33-36, 40-46, 52-55		
X	WO 00/61119 A (PHARMAPLUS S.R.L; VALENTI, FABRIZIO) 19 October 2000 (2000-10-19) page 2, column 21 - page 4, column 8 ----- -/--	1-6, 8-22, 27-29, 33-36, 40-46, 52-55		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.				
<input checked="" type="checkbox"/> Patent family members are listed in annex.				
* Special categories of cited documents: <table border="0"> <tr> <td> *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed </td> <td> *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family </td> </tr> </table>			*A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family			
Date of the actual completion of the international search 8 June 2005		Date of mailing of the international search report 15. 09. 2005		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Vermeulen, S		

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/050047

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI Section Ch, Week 199418 Derwent Publications Ltd., London, GB; Class B07, AN 1994-147117 XP002331011 & JP 06 091150 A (DAIICHI PHARM CO LTD) 5 April 1994 (1994-04-05) abstract</p>	<p>1-6, 8-22, 27-29, 33-36, 40-46, 52,55</p>
X	<p>US 4 146 653 A (MADER ET AL) 27 March 1979 (1979-03-27)</p> <p>column 2, lines 15-29 column 2, line 64 - column 3, line 17 column 3, lines 51-59 column 4, lines 9-19</p>	<p>1-6, 8-22, 27-29, 33-36, 40-46, 52-55</p>
X	<p>US 4 948 622 A (KOKUBO ET AL) 14 August 1990 (1990-08-14)</p> <p>column 4, line 23 - column 5, line 2 column 5, lines 43-47 column 8, lines 44-68</p>	<p>1-6, 8-22, 27-29, 33-36, 40-46, 52-55</p>

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2004/050047

Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-6, 8-22, 27-29, 33-36, 40-46, 52-55

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6,8-22,27-29,33-36,40-46,52-55

Multiparticulate formulation with improved taste masking properties obtained by a melt-coating (melt-granulating) core particles with a coating material

2. claim: 7

Improved melt coating process by controlling the particle size of the coating material and cores to be coated.

3. claims: 23-26

Multiparticulate formulation with improved taste masking properties obtained by precoating core particles

4. claims: 30-32,37-39

Multiparticulate formulation with improved taste masking properties obtained by addition of specific excipients

5. claims: 47-51

Drug delivery device for delivery of metered dose units to the oral cavity of a subject

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/050047

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003175355	A1	18-09-2003	AU 2003209475 A1	16-09-2003
			EP 1490031 A1	29-12-2004
			WO 03074029 A1	12-09-2003
			US 2003172924 A1	18-09-2003
WO 0061119	A	19-10-2000	IT MI990726 A1	09-10-2000
			AT 251452 T	15-10-2003
			AU 4398000 A	14-11-2000
			DE 60005805 D1	13-11-2003
			WO 0061119 A2	19-10-2000
			EP 1165056 A2	02-01-2002
			NO 20014881 A	08-10-2001
JP 6091150	A	05-04-1994	JP 3130058 B2	31-01-2001
US 4146653	A	27-03-1979	DE 2636152 A1	06-10-1977
			AT 352884 B	10-10-1979
			AT 584277 A	15-03-1979
			AU 510921 B2	17-07-1980
			AU 2768777 A	15-02-1979
			BE 857659 A1	01-12-1977
			CA 1086650 A1	30-09-1980
			CH 630259 A5	15-06-1982
			ES 461516 A1	16-07-1978
			FR 2361105 A1	10-03-1978
			GB 1547527 A	20-06-1979
			HU 176597 B	28-03-1981
			IT 1086479 B	28-05-1985
			JP 1134821 C	14-02-1983
			JP 53020416 A	24-02-1978
			JP 57025007 B	27-05-1982
			NL 7708808 A	14-02-1978
			SE 431935 B	12-03-1984
			SE 7709050 A	12-02-1978
US 4948622	A	14-08-1990	JP 1165530 A	29-06-1989
			JP 2063846 C	24-06-1996
			JP 7100665 B	01-11-1995
			DE 3880311 D1	19-05-1993
			DE 3880311 T2	23-09-1993
			EP 0349644 A1	10-01-1990
			WO 8905635 A1	29-06-1989